552,266

(54) Title: ELEVATOR CAR SEPARATION BASED ON RESPONSE TIME
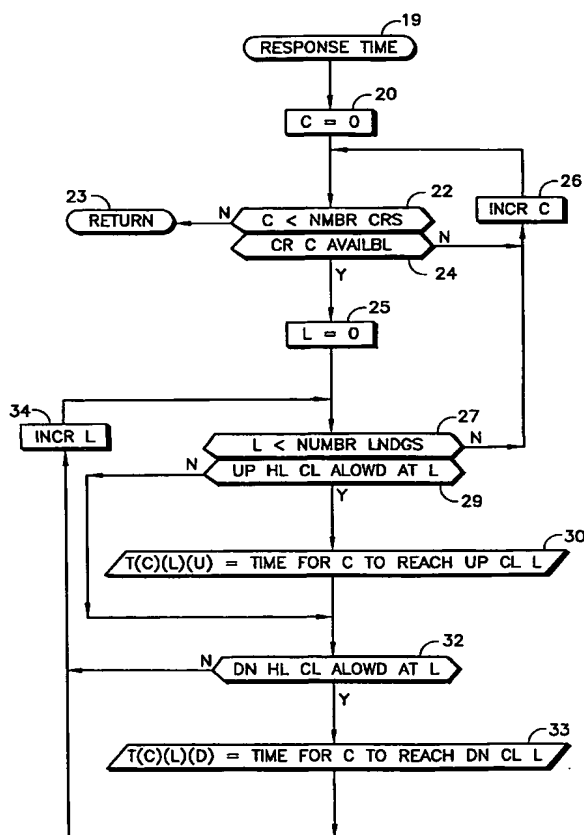
(57) Abstract: The time required for each car to reach each up hall call and each down hall call is calculated (30, 33). These times are then arranged in categories and the number of landings in each category is identified. From fuzzy sets (Figs. 7-10), the count of landings in each category determines a fuzzy set membership in a fuzzy category, such as FEW, SOME, MANY. The fuzzy membership of all non-zero memberships are then ANDed together (by multiplication). A relationship value is then determined (Fig. 11) by a metric with as many dimensions as there are categories, each dimension having as many parts as there are fuzzy categories in the fuzzy sets. The membership combination (the fuzzy summation) is then multiplied by a relationship value determined from the multi-dimensional metric to provide a corresponding separation metric of the invention.

ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:
— *of inventorship (Rule 4.17(iv)) for US only*

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